

101536963

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## SEQUENCE LISTING

<110> JURIDICAL FOUNDATION THE CHEMO-SERO-THERAPEUTIC RESEARCH INSTITUTE  
 <120> Novel Remedies for Diseases of abnormal neurotransmission  
 <130> 664194  
 <150> JP 2002-348714  
 <151> 2002-11-29  
 <160> 5

<210> 1  
 <211> 362  
 <212> PRT  
 <213> Homo sapiens  
 <220>  
 <223> Xaa represents selenocysteine  
 <400> 1

Glu	Ser	Gln	Asp	Gln	Ser	Ser	Leu	Cys	Lys	Gln	Pro	Pro	Ala	Trp
1				5					10					15
Ser	Ile	Arg	Asp	Gln	Asp	Pro	Met	Leu	Asn	Ser	Asn	Gly	Ser	Val
16				20					25					30
Thr	Val	Val	Ala	Leu	Leu	Gln	Ala	Ser	Xaa	Tyr	Leu	Cys	Ile	Ile
31				35					40					45
Glu	Ala	Ser	Lys	Leu	Glu	Asp	Leu	Arg	Val	Lys	Leu	Lys	Lys	Glu
46				50					55					60
Gly	Tyr	Ser	Asn	Ile	Ser	Tyr	Ile	Val	Val	Asn	His	Gln	Gly	Ile
61				65					70					75
Ser	Ser	Arg	Leu	Lys	Tyr	Thr	His	Leu	Lys	Asn	Lys	Val	Ser	Glu
76				80					85					90
His	Ile	Pro	Val	Tyr	Gln	Gln	Glu	Glu	Asn	Gln	Thr	Asp	Val	Trp
91				95					100					105
Thr	Leu	Leu	Asn	Gly	Ser	Lys	Asp	Asp	Phe	Leu	Ile	Tyr	Asp	Arg
106				110					115					120
Cys	Gly	Arg	Leu	Val	Tyr	His	Leu	Gly	Leu	Pro	Phe	Ser	Phe	Leu
121				125					130					135
Thr	Phe	Pro	Tyr	Val	Glu	Glu	Ala	Ile	Lys	Ile	Ala	Tyr	Cys	Glu
136				140					145					150
Lys	Lys	Cys	Gly	Asn	Cys	Ser	Leu	Thr	Thr	Leu	Lys	Asp	Glu	Asp
151				155					160					165
Phe	Cys	Lys	Arg	Val	Ser	Leu	Ala	Thr	Val	Asp	Lys	Thr	Val	Glu
166				170					175					180
Thr	Pro	Ser	Pro	His	Tyr	His	His	Glu	His	His	His	Asn	His	Gly
181				185					190					195
His	Gln	His	Leu	Gly	Ser	Ser	Glu	Leu	Ser	Glu	Asn	Gln	Gln	Pro
196				200					205					210
Gly	Ala	Pro	Asn	Ala	Pro	Thr	His	Pro	Ala	Pro	Pro	Gly	Leu	His
211				215					220					225
His	His	His	Lys	His	Lys	Gly	Gln	His	Arg	Gln	Gly	His	Pro	Glu
226				230					235					240
Asn	Arg	Asp	Met	Pro	Ala	Ser	Glu	Asp	Leu	Gln	Asp	Leu	Gln	Lys
241				245					250					255
Lys	Leu	Cys	Arg	Lys	Arg	Cys	Ile	Asn	Gln	Leu	Leu	Cys	Lys	Leu
256				260					265					270
Pro	Thr	Asp	Ser	Glu	Leu	Ala	Pro	Arg	Ser	Xaa	Cys	Cys	His	Cys
271				275					280					285
Arg	His	Leu	Ile	Phe	Glu	Lys	Thr	Gly	Ser	Ala	Ile	Thr	Xaa	Gln

286	290	295	300
Cys Lys Glu Asn	Leu Pro Ser Leu Cys	Ser Xaa Gln Gly Leu	Arg
301	305	310	315
Ala Glu Glu Asn	Ile Thr Glu Ser Cys	Gln Xaa Arg Leu Pro	Pro
316	320	325	330
Ala Ala Xaa Gln	Ile Ser Gln Gln Leu	Ile Pro Thr Glu Ala	Ser
331	335	340	345
Ala Ser Xaa Arg	Xaa Lys Asn Gln Ala	Lys Lys Xaa Glu Xaa	Pro
346	350	355	360
Ser Asn			
361			

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 <223> Xaa represents selenocysteine  
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Lys Arg Cys Ile Asn Gln Leu Leu Cys	Lys Leu Pro Thr Asp Ser
1	5 10 15
Glu Leu Ala Pro Arg Ser Xaa Cys Cys	His Cys Arg His Leu Ile
16	20 25 30
Phe Glu Lys Thr Gly Ser Ala Ile Thr	Xaa Gln Cys Lys Glu Asn
31	35 40 45
Leu Pro Ser Leu Cys Ser Xaa Gln Gly	Leu Arg Ala Glu Glu Asn
46	50 55 60
Ile Thr Glu Ser Cys Gln Xaa Arg Leu	Pro Pro Ala Ala Xaa Gln
61	65 70 75
Ile Ser Gln Gln Leu Ile Pro Thr Glu	Ala Ser Ala Ser Xaa Arg
76	80 85 90
Xaa Lys Asn Gln Ala Lys Lys Xaa Glu	Xaa Pro Ser Asn
91	95 100

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 <213> Homo sapiens  
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 <223> Xaa represents selenocysteine  
 <400> 3

Lys Arg Cys Ile Asn Gln Leu Leu Cys	Lys Leu Pro Thr Asp Ser
1	5 10 15
Glu Leu Ala Pro Arg Ser Xaa Cys Cys	His Cys Arg His Leu Ile
16	20 25 30
Phe Glu Lys	
31	

<210> 4  
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 <213> Homo sapiens  
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 <223> Xaa represents selenocysteine

<400> 4

Lys	Arg	Cys	Ile	Asn	Gln	Leu	Leu	Cys	Lys	Leu	Pro	Thr	Asp	Ser
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Glu	Leu	Ala	Pro	Arg	Ser	Xaa	Cys	Cys	His	Cys	Arg	His	Leu	
16				20					25					

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<212> PRT

<213> Homo sapiens

<220>

<223> Xaa represents selenocysteine

<400> 5

Thr	Gly	Ser	Ala	Ile	Thr	Xaa	Gln	Cys	Lys	Glu	Asn	Leu	Pro	Ser
1				5					10					15
Leu	Cys	Ser	Xaa	Gln	Gly	Leu	Arg	Ala	Glu	Glu	Asn	Ile		
16				20					25					